

INTERNATIONAL SEARCH REPORT

 Int'l Patent Application No
 PCT/IL2004/000859

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61B8/12 G01S15/89 G01H9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 A61B G01S G10K G01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99/58059 A (VARDI, GIL, M; SPIVAK, VICTOR) 18 November 1999 (1999-11-18) cited in the application the whole document	1-49
A	US 2004/067000 A1 (BATES KENNETH N ET AL) 8 April 2004 (2004-04-08) cited in the application paragraphs '0033! - '0047! figures 3A, 3B, 4-7	1-49
A	US 2004/131299 A1 (ADORAM AVNER ET AL) 8 July 2004 (2004-07-08) paragraphs '0036!, '0037! figure 2	1-49
	-/-	

☒ Further documents are filed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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- *&* document member of the same patent family

Date of the actual completion of the international search

25 May 2005

Date of mailing of the international search report

14/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/058890 A1 (VISURI STEVEN R ET AL) 16 May 2002 (2002-05-16) the whole document	1-49
X	----- WIESLER D ET AL: "FIBER OPTIC ULTRASOUND SENSORS FOR MEDICAL IMAGING APPLICATIONS" INTERNATIONAL CONFERENCE ON OPTICAL FIBER SENSORS. ADVANCED SENSING PHOTONICS, 1997, pages 358-361, XP000874814	37-49
A	the whole document	21-36
A	----- GB 2 176 364 A (* GENERAL ELECTRIC COMPANY PLC; THE * GENERAL ELECTRIC COMPANY P L C) 17 December 1986 (1986-12-17) abstract	21-49
A	----- DE 30 47 308 A1 (HONEYWELL INC; HONEYWELL INC., MINNEAPOLIS, MINN., US) 17 September 1981 (1981-09-17) the whole document	21-49

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Information on patent family members

International Application No
PCT/IL2004/000859

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9958059	A	18-11-1999	AU 5948499 A	29-11-1999
			CA 2348580 A1	18-11-1999
			EP 1059878 A1	20-12-2000
			JP 2002514455 T	21-05-2002
			WO 9958059 A1	18-11-1999
			US 6659957 B1	09-12-2003
			US 2004082844 A1	29-04-2004
US 2004067000	A1	08-04-2004	AU 2003299911 A1	04-05-2004
			WO 2004032746 A2	22-04-2004
US 2004131299	A1	08-07-2004	AU 2003303617 A1	29-07-2004
			WO 2004060168 A1	22-07-2004
US 2002058890	A1	16-05-2002	NONE	
GB 2176364	A	17-12-1986	NONE	
DE 3047308	A1	17-09-1981	JP 56098622 A	08-08-1981